

REMARKS

Examiner M. Masinick is thanked for the thorough examination and search of the subject Patent Application. Claims 21 and 27 have been amended. Claims 1-20, 22 and 28 remain canceled.

All Claims are believed to be in condition for Allowance, and that is so requested.

Reconsideration of Claims 21, 24-27, and 30-32 rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,263,255 to Tan et al in view of U.S. Patent 3,585,601 to Lahrson et al is requested based on Amended Claims 21 and 27 and on the following remarks.

Applicant agrees that Tan et al describes a process control system. However, Applicant believes that Tan et al, in view of Lahrson et al, does not teach an important feature of Applicant's claimed invention as recited in Amended Claims 21 and 27. In particular, Claims 21 and 27 have been amended to include the limitation, recited in the original application, page 7, wherein the tool information is displayed on the user

TS-00-096

interface on a one tool per screen basis. Amended Claim 21 now reads:

21. (Currently Amended) A computer system for supervision and operation of a semiconductor facility, said system comprising:

a plurality of processing tools;

5 a manufacturing execution system to control said processing tools and to track manufacturing data;

a plurality of user set-up functions to selectively transfer user data from a plurality of users to said manufacturing execution system and to selectively transfer
10 said manufacturing data from said manufacturing execution system to said users; and

a user interface function to translate said manufacturing data prior to said transfer to said users and to translate said user data from said users prior to said
15 transfer to said manufacturing execution system wherein said user interface function is further capable of detecting faulty entries in said user data and wherein said user interface function displays information on each said process tool of said plurality of process tools on a one
20 tool per screen basis.

TS-00-096

Amended Claim 21 now includes the limitation that the user interface function displays the tool information on a one tool per screen basis. Applicant has reviewed the cited prior art and has not found this feature to be taught or suggested by Tan et al or by Lahrson et al, separately or in combination.

Similarly, Claim 27 has been amended to add the above described limitation. Applicant believes that Amended Claims 21 and 27 now contain features not taught or suggested by the cited art and that it would not have been obvious to one skilled in the art at the time of the claimed invention to have practiced the claimed invention. Therefore, Applicant's respectfully requests that the rejection of Claims 21 and 27 under 35 U.S.C. 103(a) be removed on this basis. Further, Claims 24-26 and 30-32 represent patentably distinct, further limitations on Claims 21 and 27 and should, therefore, not be rejected under 35 U.S.C. 103(a) if Claims 21 and 27 are in condition for allowance.

Reconsideration of Claims 21, 24-27, and 30-32 rejected under 35 U.S.C. 102(e) 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,263,255 to Tan et al in view of U.S. Patent 3,585,601 to Lahrson et al is requested based on Amended Claims 21 and 27 and on the above remarks.

TS-00-096

Reconsideration of Claims 23 and 29 rejected under 35 U.S.C. 103(a) 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,263,255 to Tan et al, in view of U.S. Patent 3,585,601 to Lahrson et al, and further in view of U.S. Patent 5,423,716 to Strasbaugh is requested based on Amended Claims 21 and 27 and on the following remarks.

As described above, Applicant believes that Amended Claims 21 and 27 now contain a limitation that is neither taught nor suggested by the cited art. In particular, neither Tan et al, Lahrson et al, nor Strasbaugh teach nor suggest a user interface function wherein the tool information is displayed on a one tool per screen basis. Claims 23 and 29 contain patentably distinct, further limitations on Amended Claims 21 and 27, respectively, and should not be rejected under 35 U.S.C. 103(a) if the rejection of and Claims 21 and 27 is removed.

Reconsideration of Claims 23 and 29 rejected under 35 U.S.C. 103(a) 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 6,263,255 to Tan et al, in view of U.S. Patent 3,585,601 to Lahrson et al, and further in view of U.S. Patent 5,423,716 to Strasbaugh is requested based on Amended Claims 21 and 27 and on the above remarks.

TS-00-096

Applicants have reviewed the prior art made of record and not relied upon and have discussed their impact on the present invention above.

Allowance of all Claims is requested.

It is requested that should the Examiner not find that the Claims are now Allowable that the Examiner call the undersigned at 989-894-4392 to overcome any problems preventing allowance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. B. Ackerman', with a stylized, cursive script.

Stephen B. Ackerman, Reg. No. 37,761